

OFFICE OF THE LUCAS COUNTY ENGINEER



5-YEAR CAPITAL IMPROVEMENT PROGRAM 2005 - 2009

**KEITH G. EARLEY, P.E., P.S.
LUCAS COUNTY ENGINEER
ONE GOVERNMENT CENTER, SUITE 870
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(419) 213-4540**

March 18, 2005

CAPITAL IMPROVEMENT PROGRAM SUMMARY (2005 – 2009)

BASED ON REVENUE PROJECTIONS AND NON-CIP EXPENDITURES

TOTAL 5-YEAR PROGRAM

Construction:	\$31,372,000
Other Costs:	\$17,178,000
Total C.I.P.	\$48,550,000

Total Budget: \$84,885,000

Percentage of Budget allocated to C.I.P. = 57.2%

Approximate Construction per Year

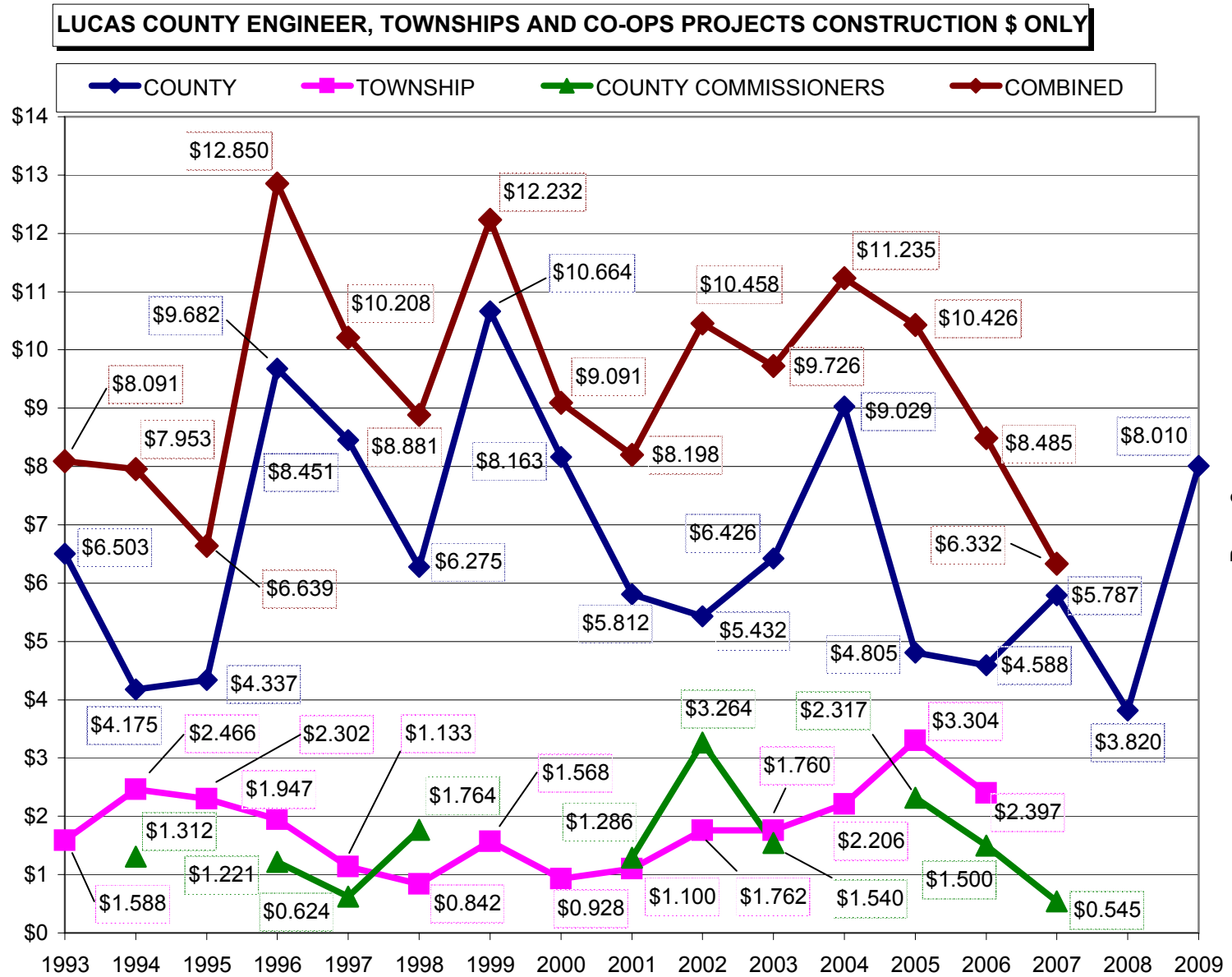
INFRASTRUCTURE TYPE	2005	2006	2007	2008	2009
Roadway	\$6,552,000	\$4,518,000	\$5,205,000	\$2,690,000	\$6,665,000
Bridges	\$ 125,000	\$1,050,000	\$ 727,000	\$ 640,000	\$ 895,000
Drainage / Culverts	\$ 45,000	\$ 520,000	\$ 400,000	\$ 490,000	\$ 450,000
Sub-Total	\$7,122,000	\$6,088,000	\$6,332,000	\$3,820,000	\$8,010,000
Other Costs: R/W acquisition, design, inspection, loan re- payments, signal/street lighting, road materials, force accounts, and contributions to joint cooperation projects let by other Lucas County jurisdictions.	\$3,210,000	\$2,346,000	\$2,949,000	\$5,470,000	\$3,203,000
C.I.P. TOTAL	\$10,332,000	\$8,434,000	\$9,281,000	\$9,290,000	\$11,213,000

FUNDING SOURCES

License Plate Fees & Gas Tax	\$29,589,000	60.95%
OPWC / TMACOG	\$ 8,725,000	17.97%
Federal / O.D.O.T.	\$ 7,918,000	16.31%
Other Local Public Jurisdictions	\$ 2,318,000	4.77%
TOTAL	\$48,550,000	100.00%

FIGURE 1

LET TO CONSTRUCTION
(Millions of Dollars)



CONSTRUCTION DOLLAR SUMMARY

2005 Anticipated Construction.....\$ 7,122,000

2006 Anticipated Construction.....\$ 6,088,000

Projects under design or to be initiated in 2005 and Projects in the Capital
Improvement Program under consideration for Construction in 2007 and
Beyond.....\$ 46,552,000

Grand Total in Anticipated Construction Dollars\$ 59,762,000

LUCAS COUNTY ENGINEER
KEITH G. EARLEY, PE, PS

PROJECT MANAGERS
(419) 213-4540

JHC	John H. Crandall, B.S.C.E.	Director of Operations	213-4543
JRH	Joshua R. Hazard, E.I.	Construction Department	213-2072
JML	Jeffery M. Lohse, P.E.	Chief Design Engineer	213-4558
MCM	Michael C. Meyer, P.E.	Traffic/Planning Supervisor	213-4554
BWM	Brian W. Miller, PE	Roadway/Township Department	213-4556
RLM	Ronald L. Myers, E.I.	Traffic/Planning Department	213-4403
PMO	Patrick M. O'Boyle, P.E.	Roadway/Township Department	213-4404
JSP	Joel S. Palermo, P.E.	Construction Supervisor	213-4527
DJP	Douglas J. Parrish, PE, SI	Traffic/Planning Department	213-4550
GJT	Gary J. Tucholski	Traffic/Planning Department	213-4553

PART I

PROJECTS LET IN 2004

PROJECT	PROJECT MANAGER	BID DATE	CONTRACTOR	AWARD AMOUNT
Bancroft Street (State Route 295 to Irwin Road)	JML	03/03/04	The Shelly Company	\$ 604,397.35
Summit Street Bridge #352 over Ottawa River - Rehabilitation	JCO	03/05/04	Miller Bros. Construction	\$3,031,234.47
Mitchaw Road (Brint Road to Sylvania-Metamora Road)	JML	03/10/04	The Shelly Company	\$ 291,704.23
Holloway Road, Salisbury Road and Hidden Ridge Drive Intersection Improvement	MCM	03/11/04	Crestline Paving & Excavating	\$ 394,750.94
Annual Crack Sealing Project	JRH	03/31/04	D. G. Slurry Seal of Toledo	\$ 87,970.00
Annual Emulsified Seal Coat Program	JRH	03/31/04	D. G. Slurry Seal of Toledo	\$ 33,425.50
North Texas Street (Whitehouse-Spencer Road)	JML	04/08/04	Gerken Paving, Inc.	\$ 280,155.56
Brint Road Improvement (Fulton-Lucas Road to Lathrop Road)	PMO	04/29/04	Gerken Paving, Inc.	\$ 524,850.40
Annual Traffic Safety Program	MCM			
- Raised Pavement Markers Program	GJT	06/23/04	The Barbour Company	\$ 31,925.94
- US 20A & Albon Road Intersection Imp.	RLM	07/13/04	U.S. Utility Contractor Co.	\$ 27,204.23
- Pavement Marking Program (Thermo)	GJT	08/18/04	Zimmerman Paint Contractors	\$ 49,972.75
- 2004 UPS / Auxiliary Power Panel Prg.	RLM / MS	08/23/04	E.T. Electric, Ltd.	\$ 39,760.00
- 2004 Guardrail Program (Bancroft Street)	GJT	12/22/04	Lake Erie Construction Co.	\$ 38,925.00
Annual Resurfacing Program, Phase 2 (Thin Overlay)	JSP	08/18/04	Gerken Paving, Inc.	\$ 598,609.49

PROJECT	PROJECT MANAGER	BID DATE	CONTRACTOR	AWARD AMOUNT
Annual Drainage Program - Cedar Point Road Culvert #1429 and Seaman Road Culvert #1440	PMO	08/26/04	B' Hill'z Excavating, Inc.	\$ 387,016.33
Annual Resurfacing Program, Phase 1	JML	08/31/04	The Shelly Company	\$1,083,078.50
Garden Road at Holloway Road Intersection	DJP	10/28/04	Schoen, Inc.	\$ 697,485.50
Holland-Sylvania Road Resurfacing	JML	12/02/04	The Shelly Company	\$ 139,029.80
Hill Avenue and King Road Intersection Improvement	DJP	12/22/04	Crestline Paving & Excavating	\$ 687,904.95
GRAND TOTAL				\$9,029,400.94

PART I

TOWNSHIP PROJECTS LET IN 2004

Let by Townships – Design and Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Elmer Drive (Sylvania Township)	JML	02/26/04	\$ 318,767.18
Harvest Ditch Culvert Extensions (Springfield Township)	BWM	03/01/04	\$ 79,113.28
Pt. Pleasant Cove Subdivision (Washington Township)	JML	05/03/04	\$ 254,044.20
Kilburn Road (Richfield Township)	PMO	05/17/04	\$ 100,497.80
Springfield Township Crack Seal (Springfield Township)	BWM	05/17/04	\$ 41,545.00
Monclova Township Crack Seal (Monclova Township)	JML	QUOTES	\$ 13,948.00
Scott Road (Swanton Township)	JML	06/21/04	\$ 345,091.85
Fulton-Lucas Road (Providence Township)	JML	08/04/04	\$ 324,694.62
Brandywine & Stonebrooke Farms (Monclova Township)	JML	07/28/04	\$ 365,818.59
Access Road (Sylvania Township)	MCM	07/13/04	\$ 362,677.30
GRAND TOTAL			\$2,206,197.82

PART II

CONSTRUCTION FORECAST FOR 2005

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Annual Emulsified Seal Coat Program	JSP	1 st Quarter	\$ 35,000
Annual Road Crack Sealing Program	JSP	1 st Quarter	\$ 105,000
Annual Bridge Repair Program Elliston Road Bridge #1455	BAZ	1 st Quarter	\$ 125,000
1 - Annual Drainage Program Old State Line Road	BWM	1 st Quarter	\$ 252,000
1 - Annual Traffic Safety Program Signals: McCord Road @ Dorr Street, McCord Road @ Hill Avenue, Sylvania Avenue @ King Road and Briarfield @ Salisbury Road	RLM	2 nd Quarter	\$ 80,000
2 - Annual Traffic Safety Program Pavement Markings	RLM	2 nd Quarter	\$ 70,000
3 - Annual Traffic Safety Program Raised Pavement Markers	GJT	2 nd Quarter	\$ 50,000
2 - Annual Drainage Program Decant Road	BWM	2 nd Quarter	\$ 193,000
Annual Reclamation & Overlay Program	JML	2 nd Quarter	\$ 220,000
Wilkins Road	JSP	2 nd Quarter	\$ 375,000
Eber Road	JSP	2 nd Quarter	\$ 715,000
Annual Resurfacing Program	JSP	2 nd Quarter	\$ 925,000

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Annual Resurfacing Program ~ Thin Overlay	JSP	2 nd Quarter	\$ 500,000
ADA Ramps Program	JSP	2 nd Quarter	\$ 20,000
Centennial Road / Bancroft Street Intersection Improvement with Centennial Road to Dorr Street	DJP	3 rd Quarter	\$1,100,000
4 - Annual Traffic Safety Program Guardrail Program	GJT	4 th Quarter	\$ 40,000
Sub-Total			\$4,805,000
Project for Board of Lucas County Commissioners			
Jerome Road ~ North of Monclova Road	JHC	3 rd Quarter	\$2,317,000
Sub-Total			\$ 2,317,000
GRAND TOTAL			\$7,122,000
Note: Summit Street Bridge \$1.2 million in Budget for 2nd year construction.			

PART II

CONSTRUCTION FORECAST FOR 2005

Let by Townships – Design and Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Soul Road Drainage (Swanton)	JML	1 st Quarter	\$ 117,443.50
Berkey-Southern Road (Swanton)	JML	2 nd Quarter	\$ 67,000
Fullers Creekside Glens Subd. (Washington)	JML	1 st Quarter	\$ 440,000
Monclova Twp Crack Seal (Monclova)	JML	include w/ LCE	\$ 20,000
Reclamation & Overlay (Providence)	JML	2 nd Quarter	\$ 527,500
Noward Road Slurry Seal (Waterville)	JML	3 rd Quarter	\$ 15,000
Obee Road Reclamation & Overlay (Monclova / Waterville)	JML	3 rd Quarter	\$ 383,000
Lathrop Place Mill & Resurface (Sylvania)	JML	3 rd Quarter	\$ 250,000
Farmbrook Estates Mill & Resurface (Sylvania)	JML	2 nd Quarter	\$ 300,000
Chippendale & Spring Mill Courts (Sylvania)	JML	2 nd Quarter	\$ 120,000
Schwamberger Road (Spencer /Harding)	PMO	2 nd Quarter	\$ 185,000
Springfield Twp Crack Seal (Springfield)	BWM	2 nd Quarter	\$ 20,000
Mescher Drive, Pilliod Road and Estateland Court (Springfield)	BWM	2 nd Quarter	\$ 591,000
Rhode Island, Connecticut and Manuel (Springfield)	BWM	2 nd Quarter	\$ 200,000
Sub-Total			\$3,303,943.50

PART II

COUNTY PROJECTS ANTICIPATED TO BE LET TO CONSTRUCTION IN 2005

PROJECT AND LOCATION	ESTIMATED CONSTRUCTION COST
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<u>BRIDGE REPAIR AND REPLACEMENT PROJECTS:</u>	
Annual Bridge Repair Program	\$ 125,000
Elliston Road Bridge No. 1455 (south of Veler Road) (Jerusalem Township)	
 <u>MAJOR ROADWAY IMPROVEMENT PROJECTS:</u>	
Centennial Road (Dorr to Central including Bancroft Street and Centennial Road Intersection Improvement – New turn lanes and signalization (Springfield & Sylvania Townships)	\$ 1,100,000
 <u>WIDENING AND RESURFACING PROJECTS:</u>	
Eber Road – Widen & Resurface U.S. 20A to Garden Road 1.54 miles (Monclova / Springfield Townships)	\$ 715,000
Wilkins Road – Widen & Resurface State Route 2 to Soul Road 0.62 miles (Swanton Township)	\$ 375,000
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Total 2005 Widening and Resurfacing Projects	\$ 1,090,000

2005

PROJECT AND LOCATION	ESTIMATED CONSTRUCTION COST
<u>ROADWAY PRESERVATION PROJECTS:</u>	
Annual Resurfacing Project, Phase 1	\$ 925,000
<ul style="list-style-type: none"> - Angola Road (Fulton-Lucas Road to State Route 295) - Brown Road (City of Oregon Limit to North Curtice Road) - Corduroy Road (Howard Road to Rialto Road) - Decant Road (Arquette Road to Cedar Point Road) - Fulton-Lucas road (Frankfort Road to Bancroft Street) - Garden Road (0.13 mile east of Eber Road to Crissey Road) - North Curtice Road (Brown Road to Suzanne Place) - Raab Road (Bancroft Street to Central Avenue) - Seaman Street (Yondota Road to Teachout Road) - Sylvania Avenue (Murd Road to Kilburn Road) - Teachout Road (State Route 2 to Corduroy Road) 	
10.65 miles (Harding, Jerusalem, Spencer, Springfield and Richfield Townships)	
Annual Resurfacing Program, Phase 2 (Thin Overlay)	\$ 500,000
<ul style="list-style-type: none"> - Brint Road (Centennial Road to Bridge at Ten Mile Creek) - Centennial Road (0.08 mile north of Angola Road to Hill Avenue) - Crissey Road (State Route 2 to 0.03 mile south of Old Airport Hwy.) - King Road (Central Avenue to 0.08 mile south of Sylvan Towne Blvd.) - King Road (0.12 mile north of Sylvania Avenue to Brint Road) - Sylvania Avenue (State Route 295 to Washburn Road) - Weckerly Road (State Route 64 to 0.05 mile southwest of Finzel Road) 	
5.95 miles (Richfield, Springfield, Sylvania and Waterville Townships, City of Sylvania, and Village of Whitehouse)	
Annual Reclamation and Resurfacing Program	\$ 220,000
Locations to be determined	
(Various Locations)	

2005

PROJECT AND LOCATION	ESTIMATED CONSTRUCTION COST
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ROADWAY PRESERVATION PROJECTS – CONTINUED:

Annual Traffic Safety Program	\$ 80,000
- Signal Upgrades:	
▪ McCord Road at Dorr Street	
▪ McCord Road at Hill Avenue	
▪ Sylvania Avenue at King Road	
▪ Briarfield Boulevard at Salisbury Road	
- Pavement Markings Program	\$ 70,000
- Raised Pavement Markers	\$ 50,000
- ADA Ramps	\$ 20,000
- Guardrail Program	\$ 40,000
Total 2005 Roadway Preservation Projects	\$ 1,905,000

ROADWAY MAINTENANCE PROJECTS:

Annual Crack Seal Program 34.2 miles on Numerous County Roads along with Monclova Township's Program (Various Townships)	\$ 105,000
Annual Emulsified Seal Coat Program	\$ 35,000
- Neowash Road (Heller Road to Noward Road) 2.05 miles (Providence and Waterville Townships)	
Total 2005 Road Maintenance Projects	\$ 140,000

2005

PROJECT AND LOCATION	ESTIMATED CONSTRUCTION COST
<u>CULVERT / DRAINAGE PROJECTS:</u>	
Annual County Drainage Program	
- Old State Line Road (Schwamberger Road to Eber Road)	\$ 252,000
- Decant Road (State Route 2 to Seaman Road)	\$ 193,000
(Harding, Spencer, and Jerusalem Townships)	
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Total 2005 Drainage Improvement Projects	\$ 445,000
Sub-Total 2005 Anticipated Construction	\$ 4,805,000

2005

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

JOINT COOPERATION PROJECTS

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>BOARD OF LUCAS COUNTY COMMISSIONERS AND CITY OF TOLEDO</u>	
Jerome Road, Extension Phase 1 (Boulevard) (Monclova Road to Technology Drive)	\$ 2,317,000
A joint project between the Board of Lucas County Commissioners, the County Engineer, and the City of Toledo.	(Engineer's Contribution - \$225,000)
The project will be let and inspected by the County Engineer for the Board of County Commissioners and the City of Toledo.	
Sub-Total	\$ 2,317,000
Grand Total	\$ 7,122,000

PART III

CONSTRUCTION FORECAST FOR 2006

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Annual Emulsified Seal Coat Program	JSP	1 st Quarter	\$ 35,000
Annual Road Crack Sealing Program	JSP	1 st Quarter	\$ 105,000
Herr Road Bridge Replacement	BAZ	1 st Quarter	\$ 370,000
1 – Annual Drainage Program Crissey Road	BWM	1 st Quarter	\$ 250,000
Albon Road / State Route 2 Intersection Improvement	MCM	1 st Quarter	\$ 534,000
1 - Annual Traffic Safety Program Signals	RLM	2 nd Quarter	\$ 120,000
2 - Annual Traffic Safety Program Pavement Markings	RLM	2 nd Quarter	\$ 60,000
3 - Annual Traffic Safety Program Raised Pavement Markers	GJT	2 nd Quarter	\$ 35,000
Annual Bridge Repair Program ~ TBD	BAZ	2 nd Quarter	\$ 140,000
Annual Reclamation & Overlay Program	JML	2 nd Quarter	\$ 220,000
Wilkins Road Bridge #278 Replacement	BAZ	2 nd Quarter	\$ 540,000
Annual Resurfacing Program	JSP	2 nd Quarter	\$ 800,000
Annual Resurfacing Program ~ Thin Overlay	JSP	2 nd Quarter	\$ 450,000
ADA Ramps Program	JSP	2 nd Quarter	\$ 24,000

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Neapolis-Waterville Road	PMO	2 nd Quarter	\$ 660,000
2 – Annual Drainage Program Locations to be determined	BWM/PMO	3 rd Quarter	\$ 200,000
4 – Annual Traffic Safety Program	GJT	4 th Quarter	\$ 45,000
Sub-Total			\$4,588,000
Projects for Others			
Wabash Cannonball Trail ~ South Fork 2A, 2G & 2H includes Bridge #1692 located just north of Neapolis-Waterville Road	RLM	2 nd Quarter	\$1,500,000
Sub-Total			\$1,500,000
GRAND TOTAL			\$6,088,000

PART III

CONSTRUCTION FORECAST FOR 2006

Let by Townships – Design and Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Henry-Lucas Road (Providence)	JML	3 rd Quarter	\$ 480,000
Anthony, Wayne, S. Jerome, Black (Monclova)	JML	3 rd Quarter	\$ 316,200
2006 Springfield Township Roads (Springfield)	BWM	3 rd Quarter	\$ 468,000
Corey Road (Sylvania)	JML	3 rd Quarter	\$ 453,000
Blossman at Holland-Sylvania (Sylvania)	JML	3 rd Quarter	\$ 100,000
St. James/Spring Forest Mill and Resurfacing (Sylvania)	JML	2 nd Quarter	\$ 300,000
Rose Glen and Covington Court (Sylvania)	JML	2 nd Quarter	\$ 200,000
Normandy Storm Sewer (Sylvania)	BWM	2 nd Quarter	\$ 80,000
Sub-Total			\$2,397,200

PART III

COUNTY PROJECTS ANTICIPATED TO BE LET TO CONSTRUCTION IN 2006

PROJECT AND LOCATION	ESTIMATED CONSTRUCTION COST
<u>BRIDGE REPAIR AND REPLACEMENT PROJECTS:</u>	
Annual Bridge Repair Program	\$ 140,000
- Roycroft Road, Bridge No. 2052; Just south State Route 2 (Springfield Township)	
- Lathrop Road, Bridge No. 2; Just north of Sylvania-Metamora Road (Richfield Township)	
Wilkins Road Bridge No. 278 – Replace over Prairie Ditch; Just north of Harriet Road (Harding Township)	\$ 540,000
Herr Road, Bridge No. 102 – Replace over Ten Mile Creek; 0.23 mile north of Central Avenue (Sylvania Township)	\$ 370,000
Total 2006 Bridge Project	\$ 1,050,000
<u>MAJOR ROADWAY IMPROVEMENT PROJECTS:</u>	
Albon Road and State Route 2 Intersection Improvement Turn lanes and signal modification (Springfield Township)	\$ 534,000
Neapolis-Waterville Road State Route 295 to Heller Road 0.99 miles (Providence Township)	\$ 660,000
Total 2006 Major Roadway Improvement Projects	\$ 1,194,000

2006

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>ROADWAY PRESERVATION PROJECTS:</u>	
Annual Resurfacing Project, Phase 1 Locations to be determined (Various Townships)	\$ 800,000
Annual Resurfacing Program, Phase 2 (Thin Overlay) Locations to be determined (Various Townships)	\$ 450,000
Annual Reclamation and Resurfacing Program Locations to be determined (Various Locations)	\$ 220,000
Annual Traffic Safety Program <ul style="list-style-type: none"> - Signal Upgrades - Pavement Markings Program - Raised Pavement Markers - ADA Ramps - Guardrail Program 	\$ 284,000
Total 2006 Roadway Preservation Projects	\$ 1,754,000
 <u>ROADWAY MAINTENANCE PROJECTS:</u>	
Annual Crack Seal Program Locations to be determined (Various Townships)	\$ 105,000
Annual Emulsified Seal Coat Program Locations to be determined (Various Townships)	\$ 35,000
Total 2006 Road Maintenance Projects	\$ 140,000

2006

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>CULVERT / DRAINAGE PROJECTS:</u>	
Annual County Drainage Program	\$ 450,000
- Crissey Road	
Other locations to be determined (Various Townships)	
Sub-Total	
2006 Anticipated Construction	\$ 4,588,000

2005

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

JOINT COOPERATION PROJECTS

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
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**BOARD OF LUCAS COUNTY COMMISSIONERS WITH THE CITY OF MAUMEE,
VILLAGE OF WHITEHOUSE AND METROPARKS**

Wabash Cannonball Trail – South Fork (Paved Recreational Trail – County Line to Yawberg Road and Black Road to North Fork) 4.00 miles (Providence Township)	\$ 1,500,000 (Engineer's Contribution - \$180,000)
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A joint project between the Board of Lucas County
Commissioners, County Engineer, City of Maumee,
the Village of Whitehouse, Providence Township and
the Metroparks.

The project will be let and inspected by the County
Engineer for the Board of County Commissioners
who is the lead agency. **Includes Bridge #1692**

Sub-Total	\$ 1,500,000
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Grand Total	\$ 6,088,000
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PART IV

CONSTRUCTION FORECAST FOR 2007

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Annual Road Sealing Program	JSP	1 st Quarter	\$ 140,000
Main Street Bridge Rehabilitation	BAZ	1 st Quarter	\$ 587,000
OPWC Roadway Improvements	JML	1 st Quarter	\$2,380,000
Angola Road	JML	2 nd Quarter	\$ 915,000
Annual Traffic Safety Program	MCM	2 nd Quarter	\$ 130,000
Centennial Road / Sylvania Avenue Intersection – Signal	RLM	2 nd Quarter	\$ 125,000
Albon Road / Garden Road Intersection – Signal	RLM	2 nd Quarter	\$ 70,000
Annual Bridge Repair Program	BAZ	2 nd Quarter	\$ 140,000
Annual Drainage Program	BWM/PMO	2 nd Quarter	\$ 400,000
Annual Resurfacing Program, Phase 1	JSP	2 nd Quarter	\$ 900,000
Annual Resurfacing Program, Phase 2 (Thin Overlay)	JSP	2 nd Quarter	\$ 500,000
Sub-Total			\$5,787,000
Projects for Board of Lucas County Commissioners			
Wabash Cannonball Trail ~ South Fork (3B)	RLM	2 nd Quarter	\$ 545,000
Sub-Total			\$ 545,000
GRAND TOTAL			\$6,332,000

PART IV

CONSTRUCTION FORECAST FOR 2008

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Annual Road Sealing Program	JSP	1 st Quarter	\$ 140,000
Yawberg Road Bridge #962 – Replacement	BAZ	1 st Quarter	\$ 250,000
Yawberg Road Bridge #933 – Replacement	BAZ	1 st Quarter	\$ 250,000
King Road / Nebraska Avenue Intersection	JML	2 nd Quarter	\$ 600,000
Annual Traffic Safety Program	MCM	2 nd Quarter	\$ 240,000
Centennial Road / Dorr Street Intersection – Signal	RLM	2 nd Quarter	\$ 70,000
Annual Bridge Repair Program	BAZ	2 nd Quarter	\$ 140,000
Annual Drainage Program	BWM/PMO	2 nd Quarter	\$ 490,000
Annual Reclamation & Resurface Program	JML	2 nd Quarter	\$ 240,000
Annual Resurfacing Program, Phase 1	JSP	2 nd Quarter	\$ 900,000
Annual Resurfacing Program, Phase 2 (Thin Overlay)	JSP	2 nd Quarter	\$ 500,000
GRAND TOTAL			\$3,820,000

PART IV

CONSTRUCTION FORECAST FOR 2009

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	APPROXIMATE CONSTRUCTION COST
Annual Road Sealing Program	JSP	1 st Quarter	\$ 140,000
McCord Road, Phase 1	JML	1 st Quarter	\$2,625,000
Sylvania Avenue, Phase 1	JML	1 st Quarter	\$1,730,000
Annual Traffic Safety Program	MCM	2 nd Quarter	\$ 240,000
Annual Bridge Repair Program	BAZ	2 nd Quarter	\$ 140,000
Stitt Road Bridge No. 781	BAZ	2 nd Quarter	\$ 895,000
Annual Drainage Program	BWM/PMO	2 nd Quarter	\$ 490,000
Annual Reclamation & Resurface Program	JML	2 nd Quarter	\$ 240,000
Annual Resurfacing Program, Phase 1	JSP	2 nd Quarter	\$ 900,000
Annual Resurfacing Program, Phase 2 (Thin Overlay)	JSP	2 nd Quarter	\$ 500,000
GRAND TOTAL			\$8,010,000

PART IV

PROJECT UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2005 AND PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER CONSIDERATION FOR CONSTRUCTION IN 2007 AND BEYOND

PROJECT AND LOCATION	ESTIMATED CONSTRUCTION COST
<u>BRIDGE REPAIR AND REPLACEMENT PROJECTS (2007 – 2009):</u>	
Monclova Road, Bridge #727 – Replace East of Albon Road (Monclova Township) - BAZ Under Design	\$ 825,000
Stitt Road, Bridge #781 – Replace Just east of Weckerly Road (Waterville Township) - BAZ Under Design Anticipate to be let in 2009	\$ 895,000
Lathrop Road, Bridge #72 – Replace North of Bancroft Street (Richfield Township) - BAZ Considering	\$ 190,000
Perrysburg-Holland Road, Bridge #1549 – Replace North of Heatherdowns Boulevard (Springfield Township and City of Toledo) – BAZ To Initiate	\$ 1,100,000
Manore Road, Bridge #692 – Replace Just north of Neapolis-Waterville Road (Providence Township) – BAZ Under Design Anticipate to be let in 2006 with the Wabash Cannonball Trail – South Fork	\$ 300,000

**PROJECT UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2005
AND
PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER
CONSIDERATION FOR CONSTRUCTION IN 2007 AND BEYOND**

PROJECT AND LOCATION	ESTIMATED CONSTRUCTION COST
BRIDGE REPAIR AND REPLACEMENT PROJECTS (2007 – 2009) – CONTINUED:	
Yawberg Road, Bridge #962 – Replace North of Neowash Road (Providence Township) - BAZ Anticipate to be let in 2008	\$ 250,000
Yawberg Road, Bridge #933 – Replace South of Neapolis-Waterville Road (Providence Township) - BAZ Anticipate to be let in 2008	\$ 250,000
Annual Bridge Repair Program (2007 – 2009) Locations to be determined (Various Townships)	Budgeted Allocations \$ 420,000
Municipal Bridge Program (2007 – 2009) - Main Street, Bridge #107; just South of Monroe Street (City of Sylvania) – BAZ Anticipate to be let in 2007. - Others to be determined	Under Design \$ 662,000
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Total Bridge Repair and Replacement Projects	\$ 4,892,000
MAJOR ROADWAY IMPROVEMENT PROJECTS (2007 – 2009)	
Angola Road and Holland-Sylvania Road Intersection Improvement Turn lanes and signal modification (Springfield Township and City of Toledo)	\$ 500,000

**PROJECT UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2005
AND
PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER
CONSIDERATION FOR CONSTRUCTION IN 2007 AND BEYOND**

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>MAJOR ROADWAY IMPROVEMENT PROJECTS (2007 – 2009)</u>	
King Road and Nebraska Avenue Intersection Improvement Mill, Widen and Resurface to provide left turn lanes on all legs, drainage and other related work (Springfield Township) - JML Anticipate to be let in 2008	\$ 600,000 Initiate Design
King Road South of Dorr Street to south of Bancroft Street Realignment of roadway to eliminate the jog at this location – JML	\$ 500,000 Complete Study - Initiate Preliminary Design
Sylvania Avenue Phase 1 – Lancelot Road to Holland-Sylvania Road Phase 2 – McCord Road to Lancelot Road Major Widen and Resurface to 4/5-Lane 1.00 mile (Sylvania City and Township) – JML/JHC Phase 1 anticipated to be let in 2009	\$ 1,730,000 \$ 2,395,000 Hold Public Meeting Initiate Design Phase 1
McCord Road Phase 1 – Central Avenue to Sylvania Avenue Phase 2 – Regents Park Boulevard to Central Avenue Add an additional continuous left turn lane 1.46 miles (Sylvania Township) – JML Phase 1 anticipated to be let in 2009	\$ 2,625,000 \$ 915,000 Initiate Design Phase 1
Dorr Street and Crissey Road Intersection Improvement Realignment of roadway to take out the jog	\$ 600,000 Study Complete – Advance Right of Way Acquisition

**PROJECT UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2005
AND
PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER
CONSIDERATION FOR CONSTRUCTION IN 2007 AND BEYOND**

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>MAJOR ROADWAY IMPROVEMENT PROJECTS (2007 – 2009) – CONTINUED:</u>	
Angola Road	\$ 915,000
Whisperwood Parkway to McCord Road	
Widen and Reconstruction and add an additional continuous left turn lane	
0.61 mile (Springfield Township and Village of Holland)	
Anticipate to be let in 2007	
	<hr/>
Total Major Roadway Improvement Projects	\$ 10,780,000
 <u>WIDENING AND RESURFACING PROJECTS (2007 – 2009):</u>	
Providence—Neapolis-Swanton Road	\$ 600,000
Box Road to Neowash Road	
1.50 miles (Providence Township) - JML	Initiate Design
Anticipate to be let in 2007	
Additional Widen and Resurface Projects	
Locations to be determined	Budgeted Allocations \$ <u>1,780,000</u>
Total Widening and Resurfacing Projects	\$ 2,380,000

**PROJECT UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2005
AND
PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER
CONSIDERATION FOR CONSTRUCTION IN 2007 AND BEYOND**

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>ROADWAY PRESERVATION PROJECTS (2007 – 2009):</u>	
Additional Reclamation and Resurfacing Program, Resurfacing Program, Phase 1 and Resurfacing Program, Phase 2 (Thin Overlay) Locations to be determined	Budgeted Allocations \$ 4,680,000
Traffic Safety Program Additional Traffic Safety Projects Locations to be determined New Traffic Signals: - RLM <ul style="list-style-type: none"> - Centennial Road / Sylvania Avenue – Signal - Albon Road / Garden Road – Signal - Centennial Road / Dorr Street – Signal 	Budgeted Allocations \$ 875,000
Total Roadway Preservation Projects	<hr/> \$ 5,555,000
<u>ROADWAY PRESERVATION PROJECTS (2007 – 2009):</u>	
Additional Crack Sealing Projects Locations to be determined	Budgeted Allocations \$ 315,000
Additional Sealing Projects Locations to be determined	Budgeted Allocations \$ 105,000
Total Roadway Maintenance Projects	<hr/> \$ 420,000

**PROJECT UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2005
AND
PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER
CONSIDERATION FOR CONSTRUCTION IN 2007 AND BEYOND**

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>CULVERT / DRAINAGE PROJECTS (2007 – 2009):</u>	
Locations to be determined	Budgeted Allocations \$ 1,380,000
<div style="text-align: right; padding-right: 50px;"> Sub-Total Projects Under Design or To Be Initiated for Design in 2005 and Projects in the Capital Improvement Program under Consideration for Construction in 2007 and Beyond </div>	

**PROJECT UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2005
AND**

**PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER
CONSIDERATION FOR CONSTRUCTION IN 2007 AND BEYOND**

JOINT COOPERATION PROJECTS

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
McCord Road Grade Separation at Railroad Railroad Underpass See Page 37 for more details (Springfield Township & Village of Holland) O.D.O.T. Project (BAZ/JHC)	\$ 18,000,000
	Study, Preliminary Design and Environmental Documents Started
US 20A (Maumee-Western Road) Coder Road to Briarfield Boulevard Widen the current roadway for a continuous left Turn lane between Coder Road and Briarfield. A joint project between the City of Toledo, Lucas County Engineer, the Private Sector and O.D.O.T. The County Engineer will initiate plans and the project will be let and inspected by O.D.O.T.	\$ 2,600,000
	Initiate Design
<u>BOARD OF LUCAS COUNTY COMMISSIONERS WITH THE CITY OF MAUMEE, VILLAGE OF WHITEHOUSE AND METROPARKS</u>	
Wabash Cannonball – South Fork 3-B (Paved Recreational Trail) From 3-C Wilkins Road to Archbold-Whitehouse Road (Providence Township) A joint project between the Board of Lucas County Commissioners, County Engineer, City of Maumee, the Village of Whitehouse, and the Metroparks. The project will be let and inspected by the County Engineer for the Board of County Commissioners who is lead agency. Anticipate to be let in 2007	\$ 545,000 (Engineer's Contribution - \$65,000)
Sub-Total	\$ 21,145,000
Grand Total	\$ 46,552,000

PART V

LONG RANGE TRANSPORTATION PLANNING, STUDIES AND REGIONAL PROJECTS

In addition to working closely with the Lucas County Economic Development Department, the Engineer's office takes an active role with other public agencies to participate in local long range transportation planning and economic development efforts. The Engineer and Staff also serve on over twenty committees of the Toledo Metropolitan Area Council of Governments. A summary of the significant projects, studies, special projects and regional projects are as follows:

HIGHWAY ENTERPRISE FUND PROJECTS:

In 1996, the Toledo-Lucas County Port Authority, the Board of Lucas County Commissioners and the Lucas County Engineer initiated this program. The purpose is to provide financial assistance of loans and/or grants to Lucas County Townships, Villages and Cities toward the jurisdiction's local share of highway improvements which retain or create employment. At the end of 2004, the fund had approximately \$973,000 available for future projects.

PRELIMINARY PLANNING INVOLVING FUTURE O.D.O.T. PROJECTS:

1. U.S. 24 Preliminary Development

The project is moving toward Federal approval of the Environmental Impact Statement in 2005.

Consultant selection for Stage One design was made in 2004. Design is underway. The type of facility has been changed from expressway to freeway. (JML)

2. I-475/23 Interchange Modification at Salisbury Road and Dussel Drive, Phase 1

Euthenics has been engaged by O.D.O.T. for Stage One plans and the environmental document. O.D.O.T. has taken over the project from the Local Partners and the Local Partners will continue to assist with the project in a supportive role with O.D.O.T.

T.R.A.C. approved \$17.5 million which represents 50% of project cost for construction in FY 2006. The Locals have committed to fund \$7 million which represents 20% of the project and the Ohio Turnpike Commission was approached for the remaining \$10.5 million which is based on the percentage of Turnpike traffic using the Interchange to travel between I-475 and Gate 4 (Exit 54). At this time the Ohio Turnpike Commission has not agreed to participate in the project. **Estimated construction cost is \$26,000,000.** (JHC)

3. U.S. 23 / I-475 Widening from U.S. 24 to Monroe Street and Alexis Road

O.D.O.T. has engaged Jacobs for a programmatic study of this corridor which possibly includes reconfiguring the system interchange at U.S. 23 and I-475, revamping the Central Avenue interchange, a new interchange in the Dorr Street / Hill Avenue area and adding access at U.S. 20A / Illinois Avenue which is the Phase Two of Project #2 above. The Lucas County Engineer's Office is on the I-475 Strategic Plan Steering Committee to help prioritize the elements or recommendations of the study. (JHC)

4. State Route 2

The County Engineer's Office is continuing to work with O.D.O.T., and the 4-4-2 Steering Committee to initiate additional improvements between N. Curtice Road and Camp Perry. O.D.O.T. has engaged Proudfoot Associates for improvements at Howard Road, Teachout Road, and Yondota Road. Design is nearly complete for improvements at the Bono Curve. (JML)

5. I-475 / I-75 Systems Interchange (Jeep Split)

O.D.O.T. has a programmatic study underway with HNTB and has presented alternatives to the public. A preferred alternative is being prepared and a phasing schedule for improvements will follow. O.D.O.T. has approval from T.R.A.C for \$6 million for design and the environmental document which will follow approval of the Interchange Justification Study. The Lucas County Engineer's Office is represented on the Steering Committee. (KGE)

6. US 20A (Maumee-Western Road) - Coder Road to Briarfield Boulevard

The Traffic Impact Study for Triad Business Park approved by O.D.O.T. anticipates improvements in this section of State Highway. O.D.O.T. has requested these improvements be made before Jerome Road, Phase 2 (from Technology Drive to US20A) is constructed. Aware of continuing growth in this corridor, the Lucas County Engineer sought T.M.A.C.O.G. Federal Funding for this project in 2002 and received tentative approval for \$2.3 million for FY 2008/2009 of a \$3.3 million project. The Lucas County Engineer is considering alternatives to initiate design on this O.D.O.T. road. (JHC)

O.D.O.T. PROJECTS:

1. Maumee River Crossing

The Lucas County Engineer continues to cooperate through T.M.A.C.O.G. with Toledo, Oregon, the Port Authority, O.D.O.T. and others toward completion of the 300 million dollar Maumee River Crossing on I-280 down river of the Craig Memorial Bridge.

The County Engineer and Staff have taken an active role in this project with O.D.O.T. and the Task Force. **Total construction cost is estimated at \$300,000,000.** (BAZ)

2. Central Avenue US 20/SR 120 (McCord Road to I-475)

Due to continuing traffic congestion along Central Avenue (U.S. 20 / S.R. 120), O.D.O.T., the Lucas County Engineer, and Sylvania Township have agreed to jointly fund an improvement to widen Central Avenue from west of McCord Road to the I-475/US 23 Interchange to six lanes with a median barrier. The improvement also includes new turn lanes and signalization at McCord Road. The construction cost was basically completed in 2004 by Crestline Paving and Excavating Co., Inc. (MCM)

SPECIAL PROJECT ASSISTANCE:

1. Wabash Cannonball Trail

The Lucas County Engineer's Office is assisting the Board of Lucas County Commissioners and other local agencies on this project with overall planning, environmental clearance, plan review and construction design services. The trail in Lucas County totals approximately **26 miles** with an estimated project cost of **\$5.5 million**. The multi-use trail will serve non-motorized transportation including bicyclists and pedestrians. In addition to the Board of Lucas County Commissioners, the other partners are the City of Maumee, The Village of Whitehouse and the Metropolitan Park District.

The entire North Fork of the trail which is 10.1 miles in length was completed in 2001 at a construction cost of **\$1.4 million**, and a 7.3 mile portion of the South Fork of the trail was completed in 2003 at a cost of **\$1.5 million**. Both the North and South Fork projects utilized Federal TEA21 funding to cover 80% of the construction. The remaining 3.5 miles of the South Fork (County Line to Yawberg Road) and (Black Road to the North Fork) is currently under design which includes the replacement of Manore Road Bridge #1692 over Blue Creek. Federal TEA21 Enhancement funding, and ministered through TMACOG, has been approved to cover 80% of the \$1.5 million cost estimate. We anticipate a 3rd Quarter of 2006 sale.

The two sections to connect the North and South Forks, 3A and 3B have been approved for Federal Enhancement Funds. Section 3B is anticipated to be let to construction in 2007. The limits are from Archbold-Whitehouse Road to the previously built connector Section 3C which extends south from North Fork, travels along Wilkins Road and stops just north of State Route 64. Section 3A's construction date is underdetermined at this time.

LUCAS COUNTY ENGINEER STUDIES:

1. Dorr Street and Crissey Road Re-Alignment

Preliminary design is being completed and consideration is being given to completing final design plans for right of way acquisition in 2005/2006. Efforts will begin to secure construction funding. The estimated cost of construction is approximately \$600,000. (MCM)

2. Sylvania Avenue (McCord Road to Holland-Sylvania Road)

This Sylvania Avenue widening project is being reconsidered due to its cost, schedule delay and neighborhood opposition. The existing study is being updated for traffic, project costs and accidents. Final traffic projections are awaiting approval by O.D.O.T. The proposed 5-lane section is being evaluated to identify if the impacts to adjacent residential property can be reduced and still accommodate needs. Since more detail is necessary, a preliminary schematic design will also be prepared. The reconsideration of the project will include meetings with the other cooperating agencies (City of Sylvania, Sylvania Township, O.D.O.T., T.M.A.C.O.G., and the Board of Lucas County Commissioners), along with a public meeting. The project as originally programmed was \$5.5 million with \$3.8 million of federal funds allocated, it has been moved back another year for sale to FY 2009 for construction. (KGE / JHC / JML)

3. Dorr Street and King Road Roundabout

A realignment study of the Dorr Street and King Road Intersection was completed in 2004. Public input will be sought in 2005. Preliminary design may follow in order to be prepared for right of way acquisition should development take place at this location. (JML)

4. Potential Studies

Discussions are underway with the City of Toledo concerning congestion at the Angola Road and Holland-Sylvania Road Intersection. Immediate and long term solutions will be considered and a study could be started in 2005. (MCM)

COUNTY REGIONAL PROJECTS:

1. McCord Grade Separation

Presently O.D.O.T. is preparing 3 alternates to present to the public in early summer. Project cost is estimated at 19 million dollars. In November of 2000, the Lucas County Engineer's Office applied for funding of \$8.5 million through the new Ohio Railroad Grade Separation Program. The project has been ranked as Tier I (design and construction) by O.D.O.T. and the first step of the process (Stage 1 design and the environmental document) is underway. Preliminary project estimates indicate additional funding of \$8 million will be necessary. The Engineer's Office will be working with the Village of Holland to obtain a \$2 million O.P.W.C. grant and O.D.O.T. to obtain the remaining \$6 million shortage. In 2004, Senator DeWine secured a minimum of 1 million dollars. An additional \$1 million of T.M.A.C.O.G. Federal funds was obtained in 2002. **The estimated cost of construction is approximately 18 million dollars.** (BAZ / JHC)

2. Jerome Road, Phase 1 (Monclova Road to Technology Drive)

The City of Toledo is expected to submit a petition to the Board of Lucas County Commissioners for this project in the Spring of 2005. The conceptual construction estimate is approximately \$2.3 million,

including water and sanitary sewer. Bidding for construction is anticipated in late 2006. Lucas County, O.P.W.C., and O.D.O.D. funds are being used to assist the City of Toledo. (JHC/JML)

MUNICIPAL BRIDGE PROGRAM

In 2003, the Lucas County Engineer announced the County would take over the annual inspection and inventory updates at no cost to the Municipalities on the extension of County roads inside corporate limits. Lucas County has a long history of cooperating to finance and build both road and bridge projects on extensions of County roads.

The policy places a higher priority on bridge participation rather than roads and is similar to O.D.O.T's participation is limited to major work (redeck/reconstruct/replace) and is policy for municipal bridges on State highways, subject to Countrywide bridge needs and the availability of funds. The thirty-three (33) bridges plus five (5) bridges already under joint ownership will remain as municipal bridges.

There are 159 vehicular bridges under the jurisdiction of the Board of Lucas County Commissioners and this announcement makes the total 192 bridges for major work. Seventeen (17) of the thirty-eight (38) are within the City of Toledo.

As a result of this new policy, discussion is underway with the City of Sylvania for rehabilitation of the Main Street Bridge over the Ten Mile Creek. The conceptual estimated construction cost is **\$587,000**. Federal funds and O.P.W.C. funds were secured in 2004 for this project. Expected sale date is 1st Quarter of 2007. (JHC / BAZ)